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TX D082684002

EPA		POTENTIAL HAZARDOUS WASTE SITE IDENTIFICATION AND PRELIMINARY ASSESSMENT		REGION 6	DATE NUMBER TO BE TX 1392
NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.					
GENERAL INSTRUCTIONS: Complete Sections I and III through X as completely as possible before Section II (Preliminary Assessment). File this form in the Regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-335); 401 M St., SW; Washington, DC 20460.					
I. SITE IDENTIFICATION					
A. SITE NAME Exxon Chemical Americas		B. STREET (or other identifier) 8230 Stedman Street			
C. CITY Houston		D. STATE TX	E. ZIP CODE 77029	F. COUNTY NAME Harris	
G. OWNER/OPERATOR (if known) 1. NAME G.E. Crist - Plant Manager Exxon Chemical Co.		2. TELEPHONE NUMBER 713/671-8661			
H. TYPE OF OWNERSHIP <input type="checkbox"/> 1. FEDERAL <input type="checkbox"/> 2. STATE <input type="checkbox"/> 3. COUNTY <input type="checkbox"/> 4. MUNICIPAL <input checked="" type="checkbox"/> 5. PRIVATE <input type="checkbox"/> 6. UNKNOWN					
I. SITE DESCRIPTION Manufacturer of Specialty Chemicals for oil industry.					
J. HOW IDENTIFIED (i.e., citizen's complaints, OSHA citations, etc.) CERCLA & RCRA Notifier, Eckhardt List TX393-5				K. DATE IDENTIFIED (mo., day, & yr.) 6/8/81	
L. PRINCIPAL STATE CONTACT 1. NAME Stennie Meadours, Field Rep, TDWR				2. TELEPHONE NUMBER 713/479-5981	
II. PRELIMINARY ASSESSMENT (complete this section last)					
A. APPARENT SERIOUSNESS OF PROBLEM <input type="checkbox"/> 1. HIGH <input type="checkbox"/> 2. MEDIUM <input type="checkbox"/> 3. LOW <input checked="" type="checkbox"/> 4. NONE <input type="checkbox"/> 5. UNKNOWN					
B. RECOMMENDATION <input checked="" type="checkbox"/> 1. NO ACTION NEEDED (no hazard) <input type="checkbox"/> 2. IMMEDIATE SITE INSPECTION NEEDED a. TENTATIVELY SCHEDULED FOR: b. WILL BE PERFORMED BY: <input type="checkbox"/> 3. SITE INSPECTION NEEDED a. TENTATIVELY SCHEDULED FOR: b. WILL BE PERFORMED BY: <input type="checkbox"/> 4. SITE INSPECTION NEEDED (low priority)					
C. PREPARER INFORMATION 1. NAME Steven A. Mellon, FIT <i>Steven A. Mellon</i>					
2. TELEPHONE NUMBER 214/742-4521				3. DATE (mo., day, & yr.) 2/18/83	
III. SITE INFORMATION					
A. SITE STATUS <input checked="" type="checkbox"/> 1. ACTIVE (These industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.) <input type="checkbox"/> 2. INACTIVE (These sites which no longer receive wastes.) <input checked="" type="checkbox"/> 3. OTHER (specify: <u>Inactive portions exist</u> (These sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.) Land irrigation & holding ponds.					
B. IS GENERATOR ON SITE? <input type="checkbox"/> 1. NO <input checked="" type="checkbox"/> 2. YES (specify generator's four-digit SIC Code): 2869, 2843 2821, 2841					
C. AREA OF SITE (in acres) Approx. 83 total Approx. 14 inactive		D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES 1. LATITUDE (deg.-min.-sec.) 29°45'00" N 2. LONGITUDE (deg.-min.-sec.) 95°16'45" W			
E. ARE THERE BUILDINGS ON THE SITE? <input type="checkbox"/> 1. NO <input checked="" type="checkbox"/> 2. YES (specify): Office & Manufacturing buildings					

T2870-2 (10-79)

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REVIEWED BY (NAME) DATE
APY 4-13-83

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IV. CHARACTERIZATION OF SITE ACTIVITY												
Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.												
<input checked="" type="checkbox"/> A. TRANSPORTER	<input checked="" type="checkbox"/> B. STORER	<input checked="" type="checkbox"/> C. TREATER	<input checked="" type="checkbox"/> D. DISPOSER									
1. RAIL	1. PILE	1. FILTRATION	1. LANDFILL									
2. SHIP	2. SURFACE IMPOUNDMENT	2. INCINERATION	2. LANDFARM									
3. BARGE	3. DRUMS	3. VOLUME REDUCTION	3. OPEN DUMP									
4. TRUCK	4. TANK, ABOVE GROUND	4. RECYCLING/RECOVERY	4. SURFACE IMPOUNDMENT									
5. PIPELINE	5. TANK, BELOW GROUND	5. CHEM/PHYS. TREATMENT	5. MOUND DUMPING									
6. OTHER (specify):	6. OTHER (specify):	6. BIOLOGICAL TREATMENT	6. INCINERATION									
		7. WASTE OIL REPROCESSING	7. UNDERGROUND INJECTION									
		8. SOLVENT RECOVERY	8. OTHER (specify):									
		9. OTHER (specify):										
<p>2. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED From 1931 to 1977 an estimated 49,000 tons of waste material was disposed of at the site. Of the 49,000 tons, 94% (46,000 tons) were disposed of by evaporation and landirrigation. The remaining 6% (3,000 tons) of the wastes were disposed by occasional incineration, evaporation and land farming.</p>												
V. WASTE RELATED INFORMATION												
A. WASTE TYPE												
<input type="checkbox"/> 1. UNKNOWN <input checked="" type="checkbox"/> 2. LIQUID <input checked="" type="checkbox"/> 3. SOLID <input checked="" type="checkbox"/> 4. SLUDGE <input type="checkbox"/> 5. GAS												
B. WASTE CHARACTERISTICS												
<input type="checkbox"/> 1. UNKNOWN <input type="checkbox"/> 2. CORROSIVE <input checked="" type="checkbox"/> 3. IGNITABLE <input type="checkbox"/> 4. RADIOACTIVE <input checked="" type="checkbox"/> 5. HIGHLY VOLATILE <input checked="" type="checkbox"/> 6. TOXIC <input type="checkbox"/> 7. REACTIVE <input type="checkbox"/> 8. INERT <input checked="" type="checkbox"/> 9. FLAMMABLE												
<input type="checkbox"/> 10. OTHER (specify):												
C. WASTE CATEGORIES												
1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.												
Yes, Eckhardt List, RCRA notification												
2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.												
a. SLUDGE		b. OIL		c. SOLVENTS		d. CHEMICALS		e. SOLIDS		f. OTHER		
AMOUNT		AMOUNT		AMOUNT		AMOUNT		AMOUNT		AMOUNT		
UNKNOWN		UNKNOWN		UNKNOWN		UNKNOWN		UNKNOWN		UNKNOWN		
UNIT OF MEASURE		UNIT OF MEASURE		UNIT OF MEASURE		UNIT OF MEASURE		UNIT OF MEASURE		UNIT OF MEASURE		
<input checked="" type="checkbox"/> (1) PAINT, PIGMENTS	<input checked="" type="checkbox"/> (1) OILY WASTES	<input checked="" type="checkbox"/> (1) HALOGENATED SOLVENTS	<input checked="" type="checkbox"/> (1) ACIDS	<input checked="" type="checkbox"/> (1) FL. ASH	<input checked="" type="checkbox"/> (1) LABORATORY PHARMACEUT.							
<input type="checkbox"/> (2) METALS SLUDGES	<input checked="" type="checkbox"/> (2) OTHER (specify):	<input type="checkbox"/> (2) NON-HALOGENATED SOLVENTS	<input type="checkbox"/> (2) PICKLING LIQUORS	<input checked="" type="checkbox"/> (2) ASBESTOS	<input type="checkbox"/> (2) HOSPITAL							
<input type="checkbox"/> (3) PETW	Oils & Oil Sludges	<input type="checkbox"/> (3) OTHER (specify):	<input type="checkbox"/> (3) CAUSTICS	<input type="checkbox"/> (3) MILLING/ MINING TAILINGS	<input type="checkbox"/> (3) RADIOACTIVE							
<input type="checkbox"/> (4) ALUMINUM SLUDGE		<input type="checkbox"/> (4) PESTICIDES	<input type="checkbox"/> (4) FERROUS SMLTG. WASTES	<input type="checkbox"/> (4) MUNICIPAL								
<input type="checkbox"/> (5) OTHER (specify):		<input type="checkbox"/> (5) DYES/INKS	<input type="checkbox"/> (5) NON-FERROUS SMLTG. WASTES	<input type="checkbox"/> (5) OTHER (specify):								
		<input type="checkbox"/> (6) CYANIDE										
		<input type="checkbox"/> (7) PHENOLS										
		<input type="checkbox"/> (8) HALOGENS										
		<input type="checkbox"/> (9) PCB										
		<input checked="" type="checkbox"/> (10) METALS										
		<input type="checkbox"/> (11) OTHER (specify):										

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V. WASTE RELATED INFORMATION (continued)				
3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hazard). Concentrated aqueous waste including organic resins, solvents; paint sludge, ethers, aldehydes, acid solutions, asbestos and heavy metals.				
4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE. In 1977 two holding ponds and a land farm involved in a spray irrigation disposal system were closed. The basins were pumped dry and the sludge was disposed of off site. (See attachment A)				
VI. HAZARD DESCRIPTION				
A. TYPE OF HAZARD	B. POTENTIAL HAZARD (mark 'X')	C. ALLEGED INCIDENT (mark 'X')	D. DATE OF INCIDENT (mo., day, yr.)	E. REMARKS
1. NO HAZARD				
2. HUMAN HEALTH				
3. NON-WORKER INJURY/EXPOSURE				
4. WORKER INJURY				
5. CONTAMINATION OF WATER SUPPLY				
6. CONTAMINATION OF FOOD CHAIN				
7. CONTAMINATION OF GROUND WATER				
8. CONTAMINATION OF SURFACE WATER				
9. DAMAGE TO FLORA/FAUNA				
10. FISH KILL				
11. CONTAMINATION OF AIR				
12. NOTICEABLE ODORS				
13. CONTAMINATION OF SOIL				
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION				
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS				
17. SEWER, STORM DRAIN PROBLEMS				
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES				
21. MIDNIGHT DUMPING				
22. OTHER (specify):	X			Hazard potential unknown

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VII. PERMIT INFORMATION			
A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE.			
<input checked="" type="checkbox"/> 1. NPDES PERMIT	<input checked="" type="checkbox"/> 2. SPCC PLAN	<input checked="" type="checkbox"/> 3. STATE PERMIT (specify): <u>Closure Plan for two holding ponds and a landfarm.</u>	
<input type="checkbox"/> 4. AIR PERMITS	<input type="checkbox"/> 5. LOCAL PERMIT	<input type="checkbox"/> 6. RCRA TRANSPORTER	
<input type="checkbox"/> 7. RCRA STORER	<input type="checkbox"/> 8. RCRA TREATER	<input type="checkbox"/> 9. RCRA DISPOSER	
<input type="checkbox"/> 10. OTHER (specify):			
B. IN COMPLIANCE?			
<input type="checkbox"/> 1. YES <input checked="" type="checkbox"/> 2. NO <input type="checkbox"/> 3. UNKNOWN			
As of 7/29/82			
4. WITH RESPECT TO (list regulation name & number): <u>Industrial Solid Waste Disposal (TDWR)</u>			
VIII. PAST REGULATORY ACTIONS			
<input checked="" type="checkbox"/> A. NONE <input type="checkbox"/> B. YES (summarize below)			
IX. INSPECTION ACTIVITY (past or on-going)			
<input type="checkbox"/> A. NONE <input checked="" type="checkbox"/> B. YES (complete items 1, 2, 3, & 4 below)			
1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mm, day, & yr)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION
Industrial Solid Waste Disposal	7/29/82	TDWR	Noncompliant
X. REMEDIAL ACTIVITY (past or on-going)			
<input type="checkbox"/> A. NONE <input checked="" type="checkbox"/> B. YES (complete items 1, 2, 3, & 4 below)			
1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mm, day, & yr)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION
Closure Plan	After 1977	Private	closure of two holding ponds and a land farm
NOTE: Based on the information in Sections III through, X, fill out the Preliminary Assessment (Section II) information on the first page of this form.			

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ATTACHMENT A

POTENTIAL HAZARDOUS WASTE SITE
IDENTIFICATION AND PRELIMINARY ASSESSMENT SUPPLEMENT SHEET

Instruction - This sheet is provided to give additional information in
explanation of a question on the form T2070-2.

Corresponding number on form	Additional Remark and/or Explanation
V.4.	<p>The closed basins were then backfilled. Eight monitoring wells were installed throughout the closed spray-irrigation area and are analyzed for heavy metals on an annual (at least) basis. Presently the waste products from the facility are stored in 55 gallon drums for transport to a contracted disposal site.</p> <p>The State (TDWR) conducts annual inspections of this site. A noncompliance status was reported for this facility during a July 29, 1982 inspection by Stennie Meadours. However, the facility has come into compliance by addressing the deficiencies and amending their closure plans for the two landfills. Since the state has an active interest in this site, it is recommended that no further FIT action be performed at this time.</p>

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Site Identification Form